

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126102.D
 Acq On : 10 Nov 2021 12:11
 Operator : JU/CG
 Sample : M4498-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2-LS

Quant Time: Nov 10 14:23:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

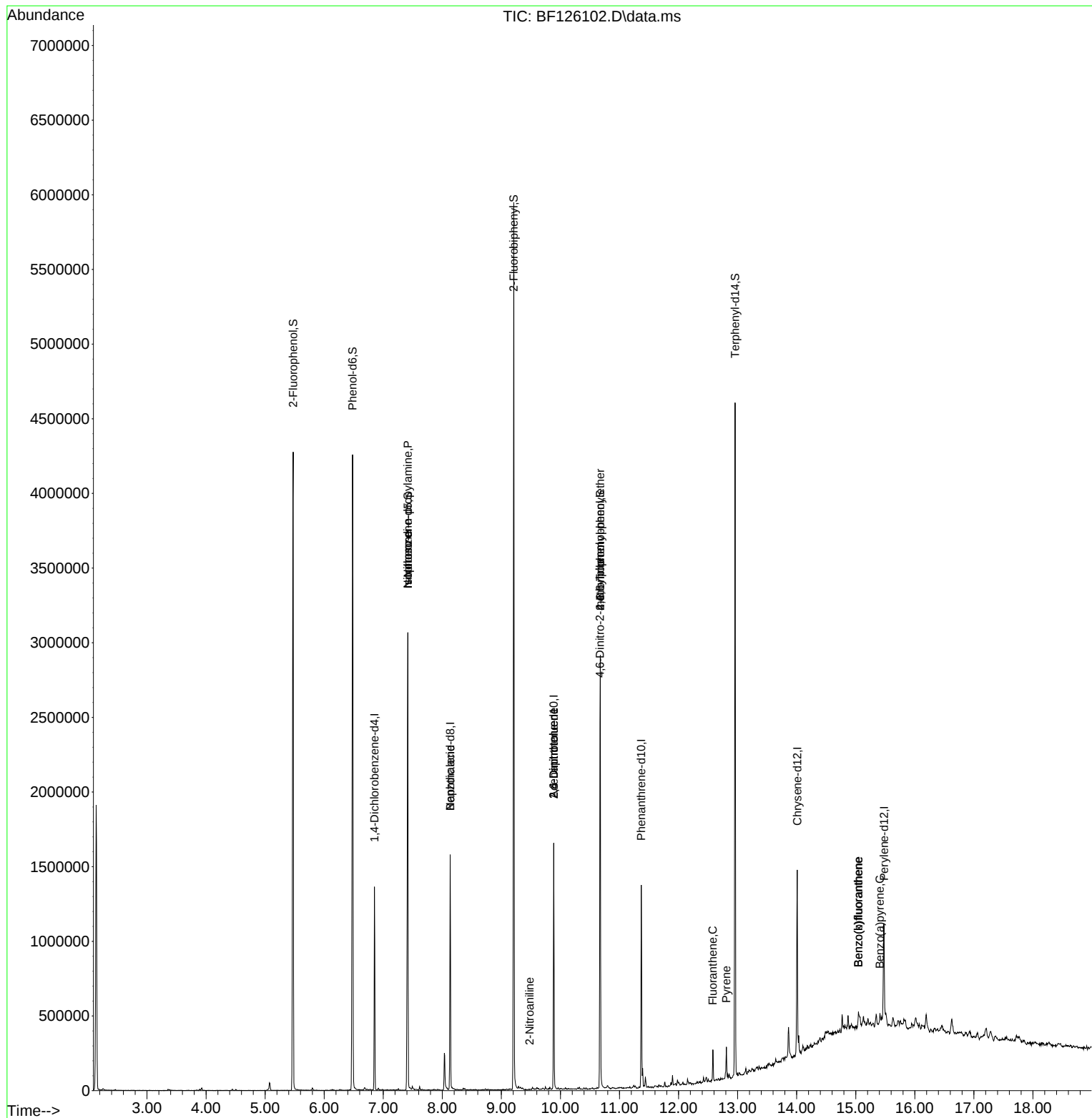
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	171507	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	581987	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	288206	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	462985	20.000	ng	0.00
76) Chrysene-d12	14.010	240	400510	20.000	ng	# 0.00
86) Perylene-d12	15.480	264	329357	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1027087	102.841	ng	0.01
7) Phenol-d6	6.481	99	1312913	93.256	ng	0.00
23) Nitrobenzene-d5	7.416	82	935276	75.788	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	320905	97.160	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1584157	74.279	ng	0.00
79) Terphenyl-d14	12.957	244	1379720	55.551	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	125	Below Cal	#	21
19) n-Nitroso-di-n-propyla...	7.416	70	136106	14.665	ng	# 59
25) Isophorone	7.416	82	928053	41.769	ng	# 59
32) Benzoic acid	8.133	122	113	9.160	ng	# 1
48) 2-Nitroaniline	9.480	65	123	2.869	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	37730	10.491	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	37730	9.967	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.669	198	766	8.601	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	22034	3.929	ng	# 1
75) Fluoranthene	12.580	202	78383	2.803	ng	95
78) Pyrene	12.810	202	80962	2.521	ng	98
88) Benzo(b)fluoranthene	15.045	252	66159	3.088	ng	# 85
89) Benzo(k)fluoranthene	15.045	252	66159	3.184	ng	# 84
90) Benzo(a)pyrene	15.409	252	36211	2.145	ng	97

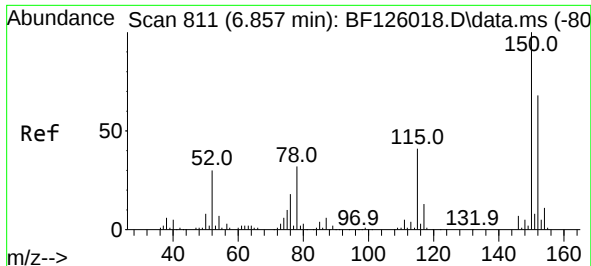
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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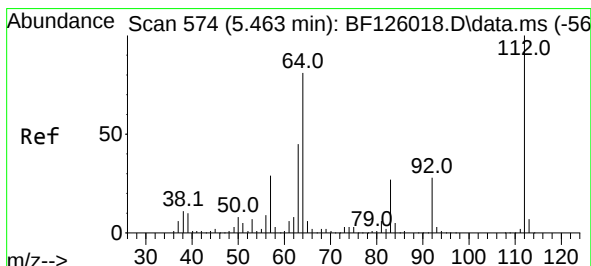
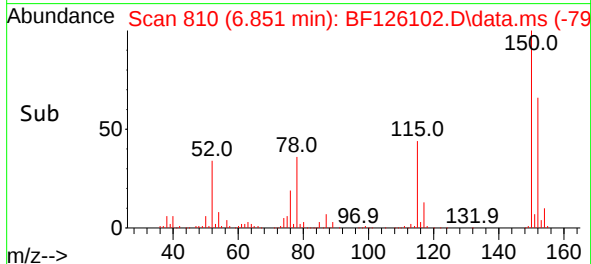
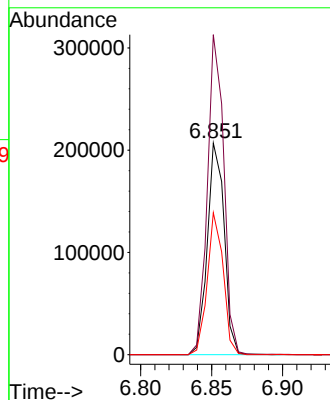
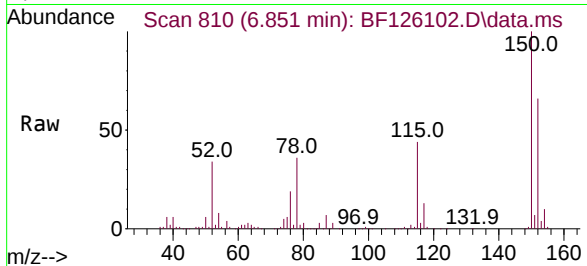




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

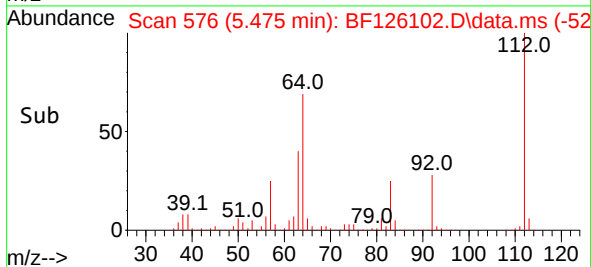
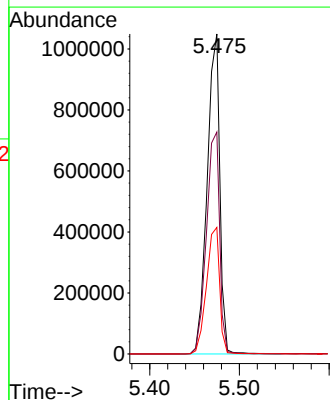
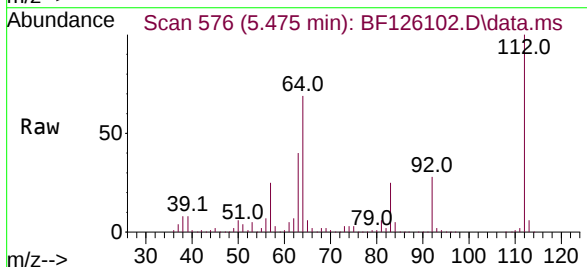
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BNA_F
ClientSampleId :
WC-2-LS

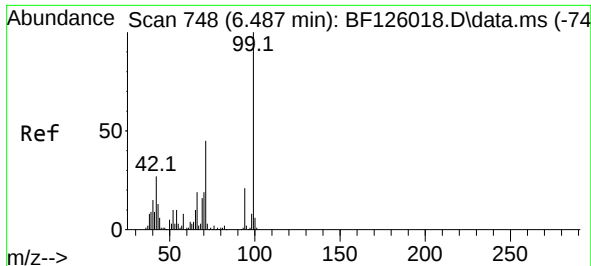
Tgt Ion:152 Resp: 171507
Ion Ratio Lower Upper
152 100
150 151.1 117.6 176.4
115 67.0 47.1 70.7



#5
2-Fluorophenol
Concen: 102.841 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:112 Resp: 1027087
Ion Ratio Lower Upper
112 100
64 69.4 44.2 66.2#
63 39.5 26.2 39.2#

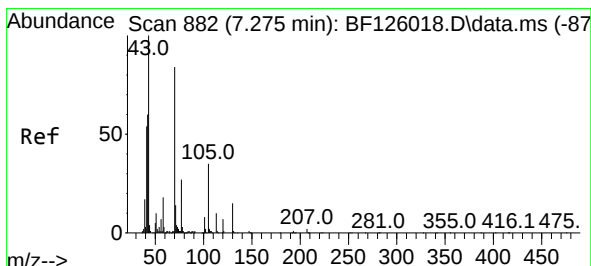
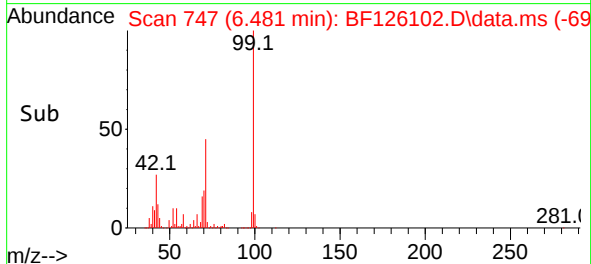
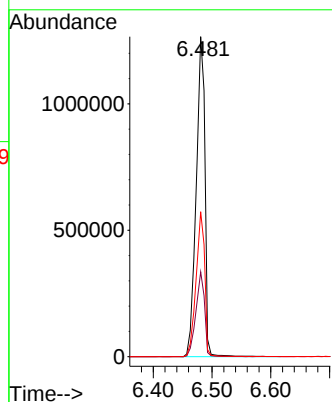
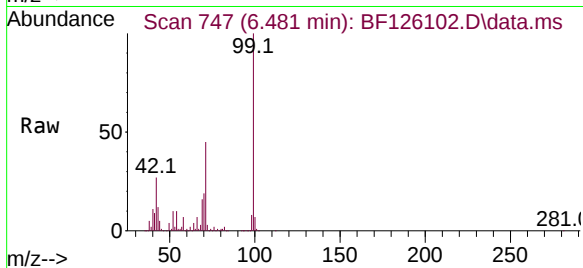




#7
Phenol-d6
Concen: 93.256 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

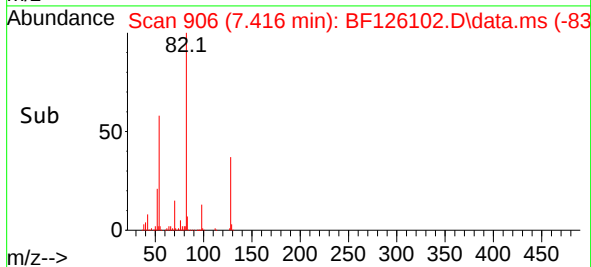
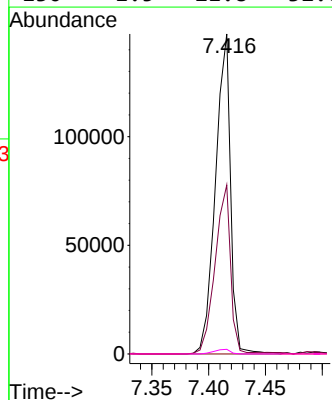
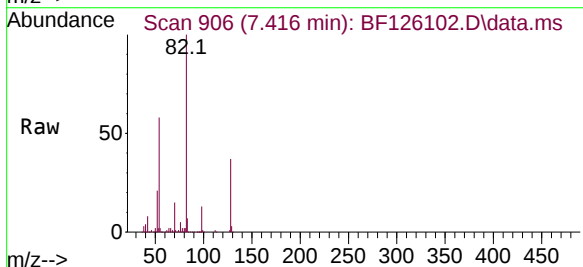
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

Tgt Ion: 99 Resp: 1312913
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 45.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.665 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

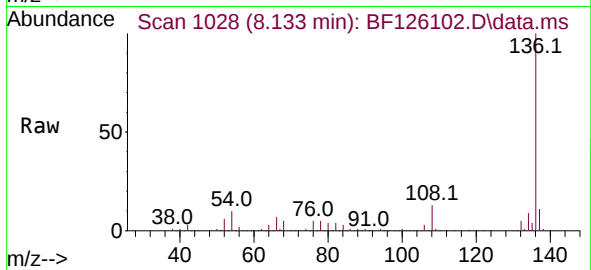
Tgt Ion: 70 Resp: 136106
Ion Ratio Lower Upper
70 100
42 52.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#



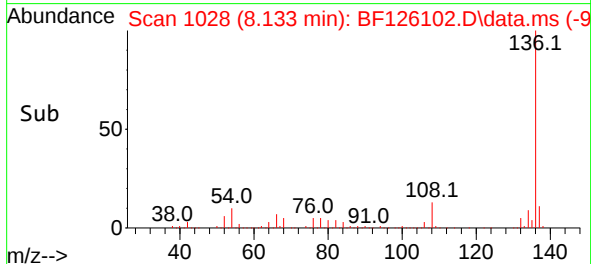
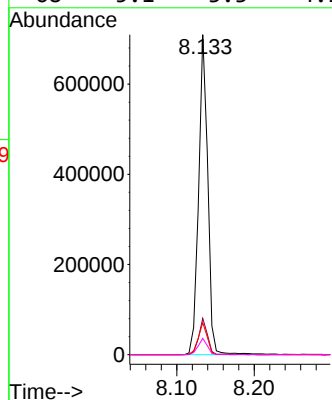


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Instrument :
BNA_F
ClientSampleId :
WC-2-LS

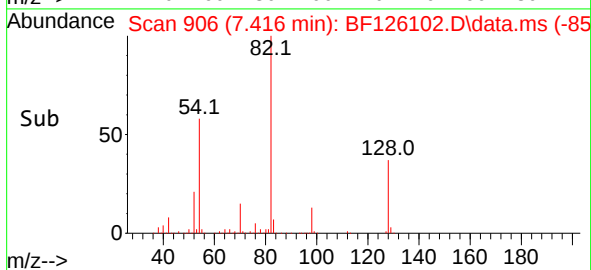
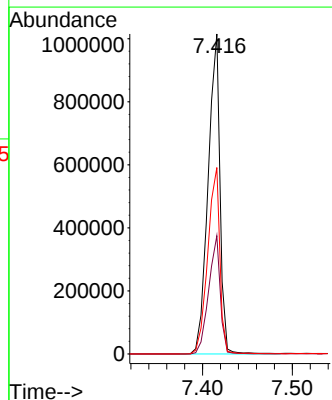
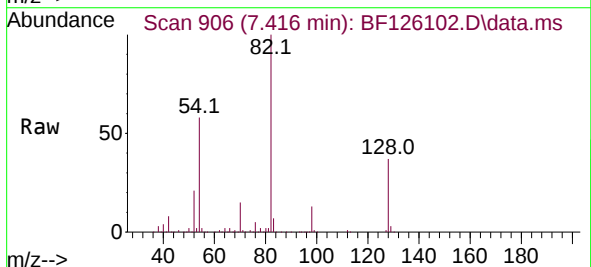


Tgt Ion:136 Resp: 581987
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 10.0 6.4 9.6#
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 75.788 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion: 82 Resp: 935276
Ion Ratio Lower Upper
82 100
128 36.9 40.6 60.8#
54 58.2 49.6 74.4

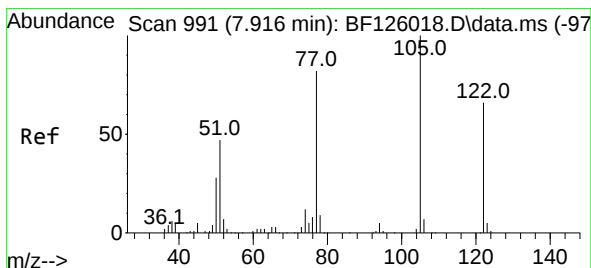
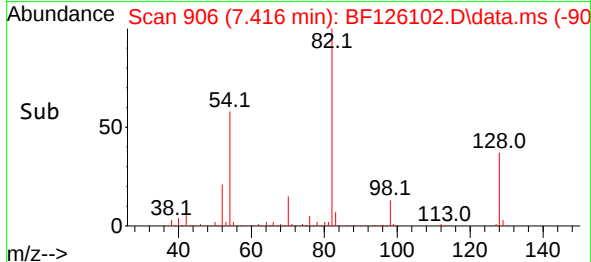
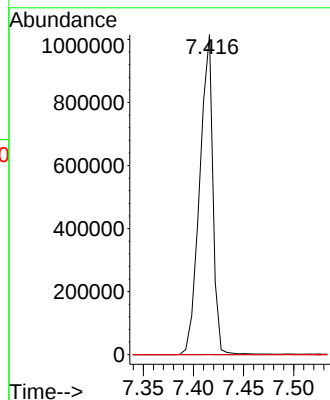
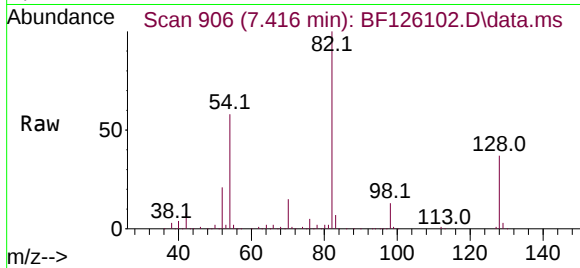




#25
Isophorone
Concen: 41.769 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

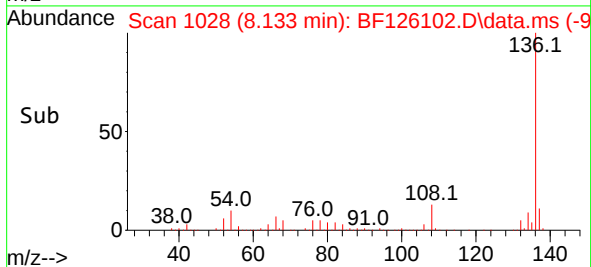
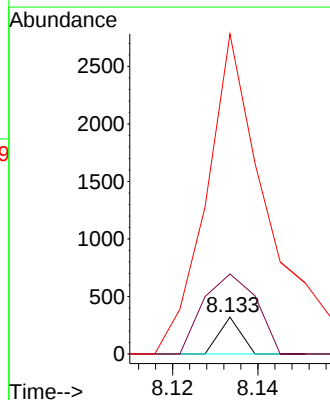
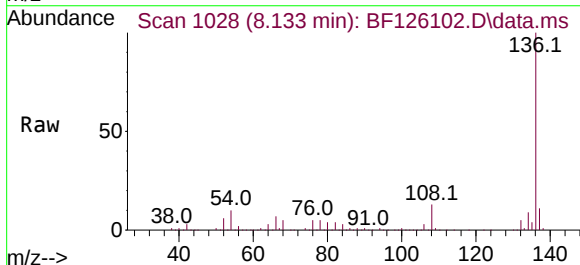
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

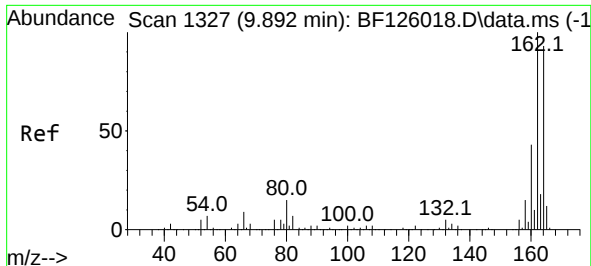
Tgt Ion: 82 Resp: 928053
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.160 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 217.5 97.6 137.6#
77 869.4 59.6 99.6#

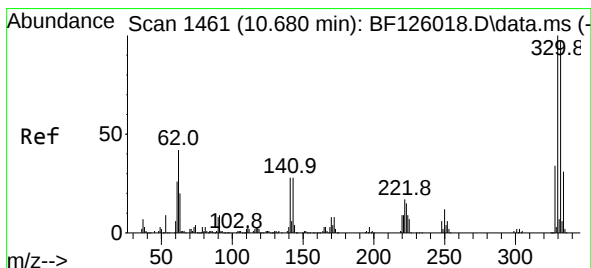
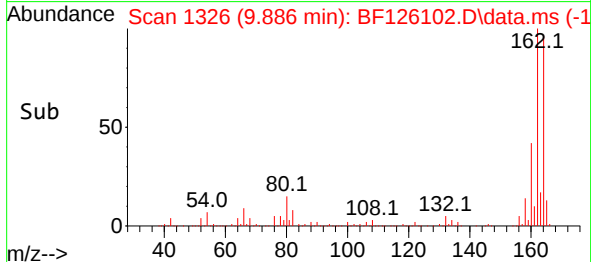
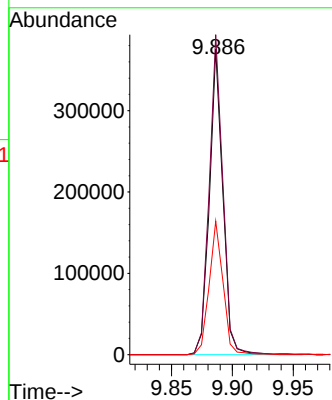
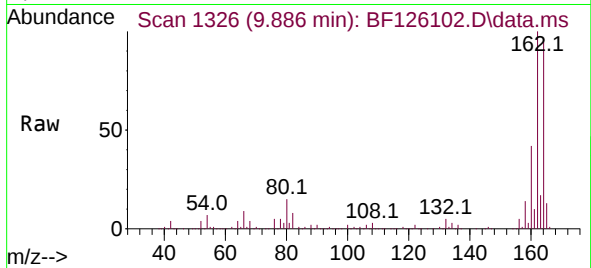




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

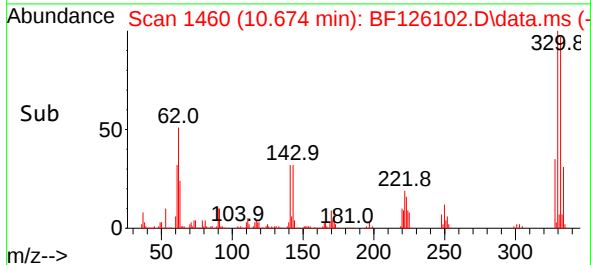
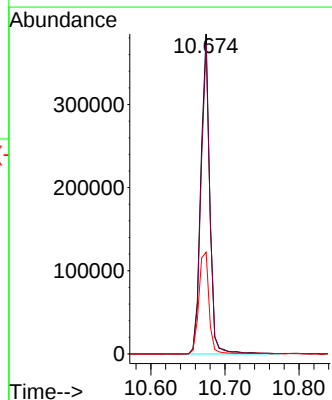
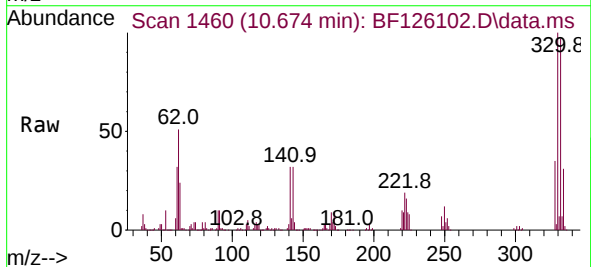
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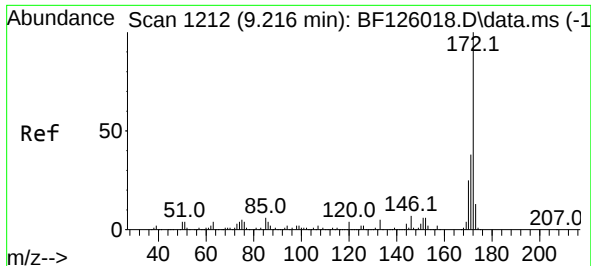
Tgt Ion:164 Resp: 288206
Ion Ratio Lower Upper
164 100
162 104.7 81.3 121.9
160 43.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 97.160 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:330 Resp: 320905
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 36.4 44.6 66.8#

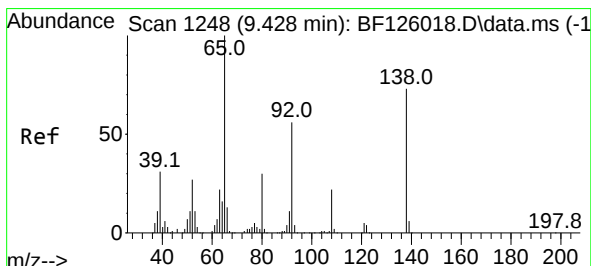
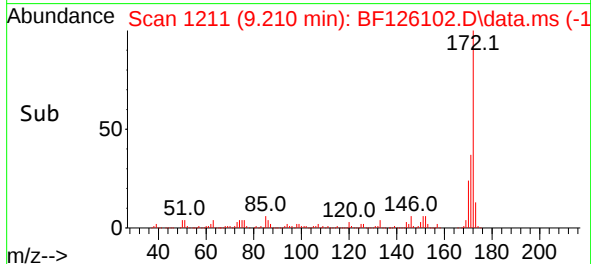
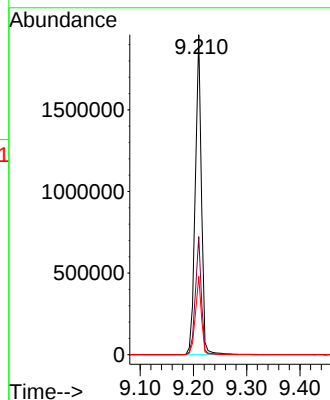
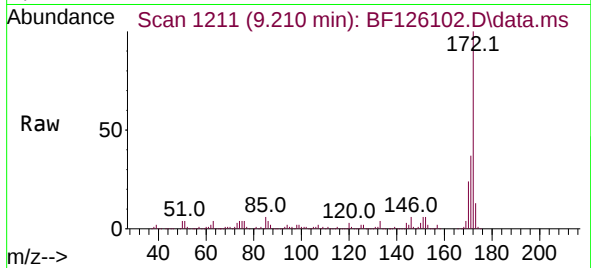




#45
2-Fluorobiphenyl
Concen: 74.279 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

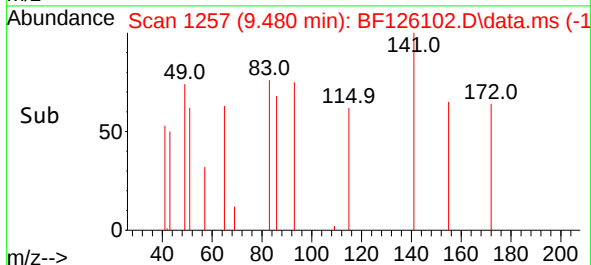
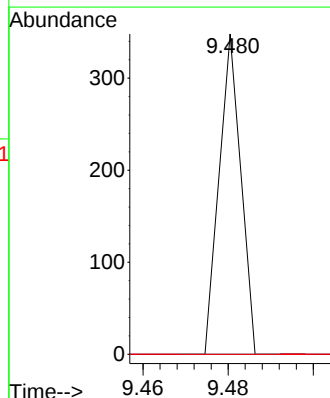
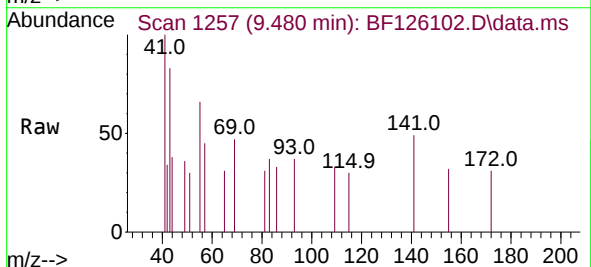
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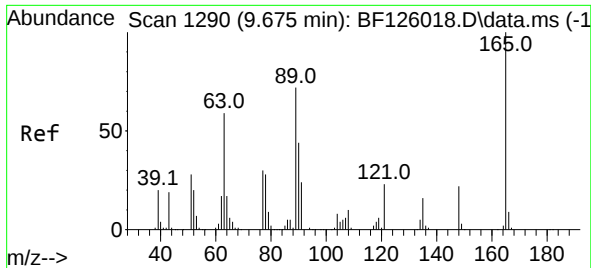
Tgt Ion:172 Resp: 1584157
Ion Ratio Lower Upper
172 100
171 36.9 26.5 39.7
170 24.5 18.8 28.2



#48
2-Nitroaniline
Concen: 2.869 ng
RT: 9.480 min Scan# 1257
Delta R.T. 0.052 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion: 65 Resp: 123
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

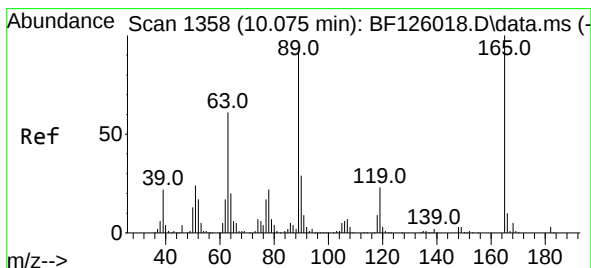
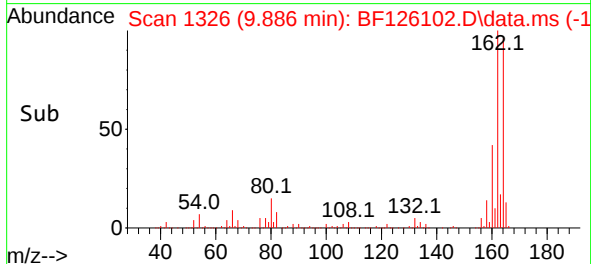
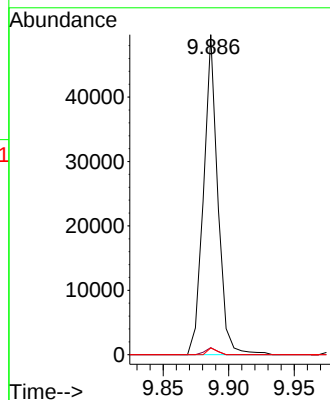
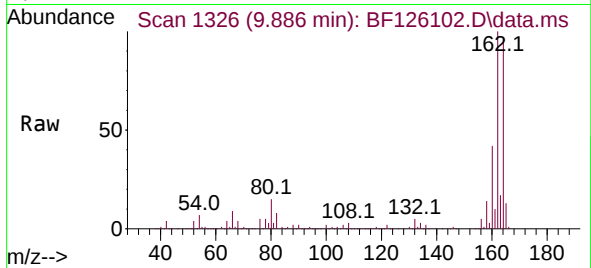




#51
2,6-Dinitrotoluene
Concen: 10.491 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

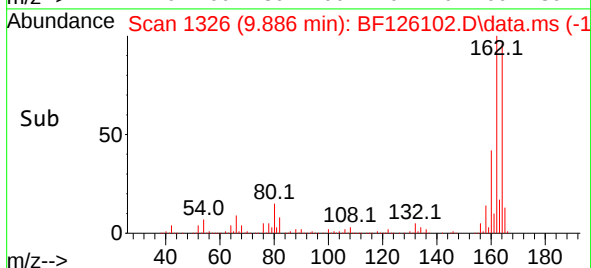
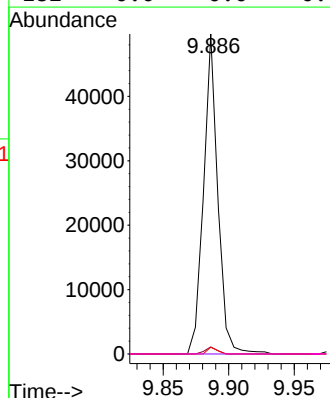
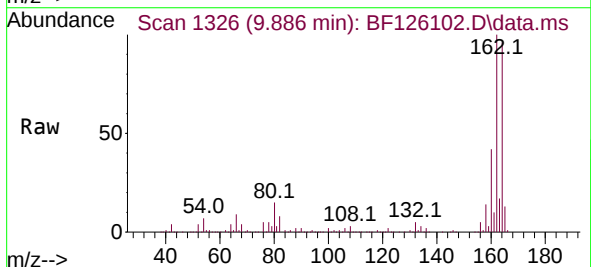
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

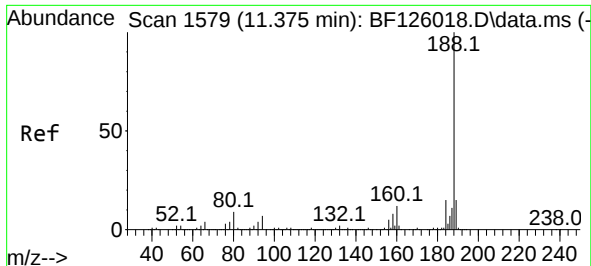
Tgt Ion:165 Resp: 37730
Ion Ratio Lower Upper
165 100
63 2.2 42.6 63.8#
89 2.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.967 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:165 Resp: 37730
Ion Ratio Lower Upper
165 100
63 2.2 40.9 61.3#
89 2.1 59.7 89.5#
182 0.0 0.0 0.0

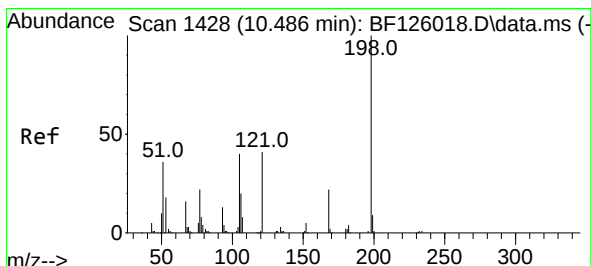
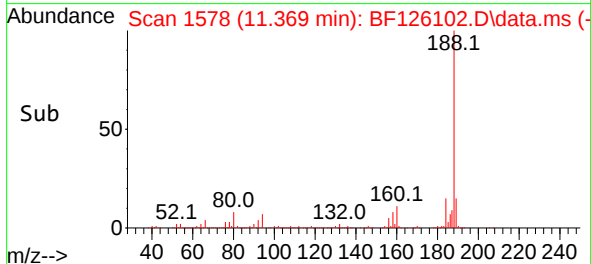
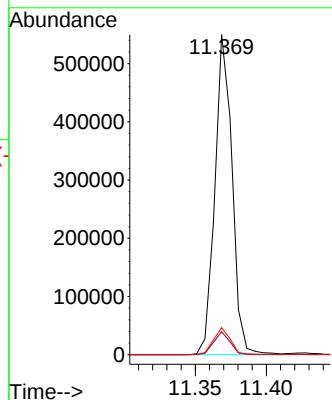
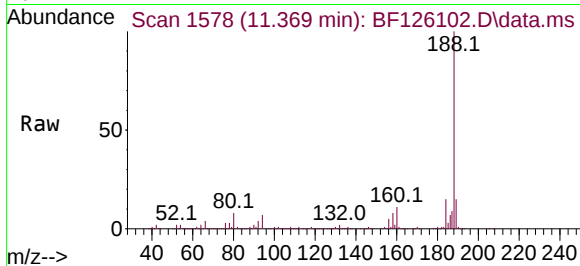




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

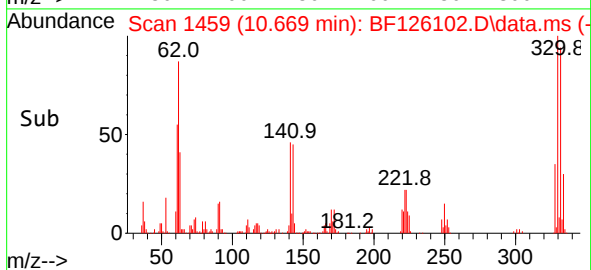
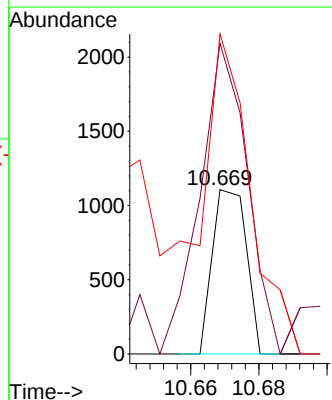
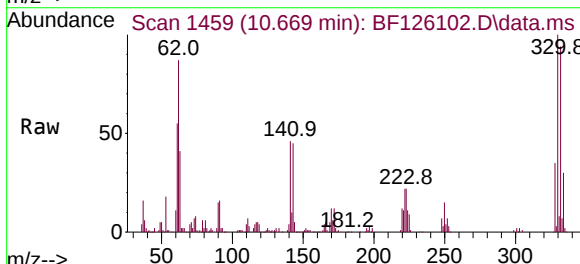
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

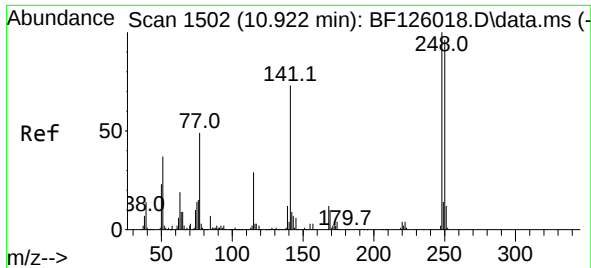
Tgt Ion:188 Resp: 462985
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.4 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.601 ng
RT: 10.669 min Scan# 1459
Delta R.T. 0.183 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:198 Resp: 766
Ion Ratio Lower Upper
198 100
51 189.0 45.3 85.3#
105 194.8 30.6 70.6#

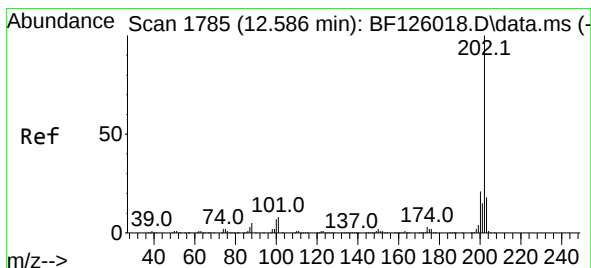
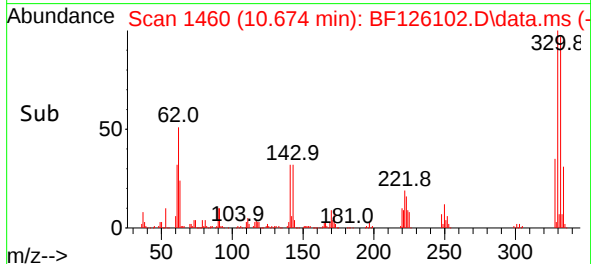
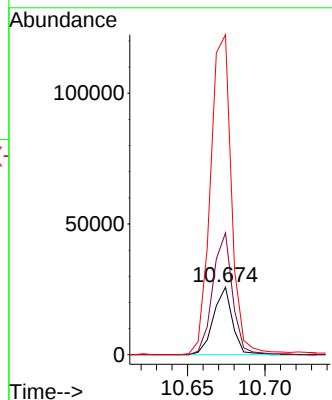
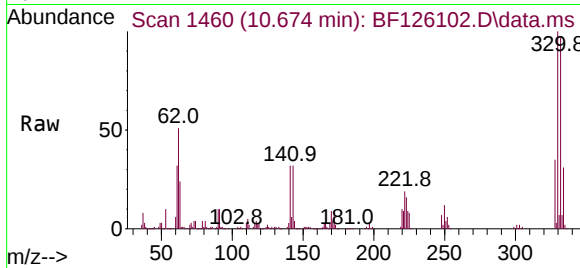




#67
4-Bromophenyl-phenylether
Concen: 3.929 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.248 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

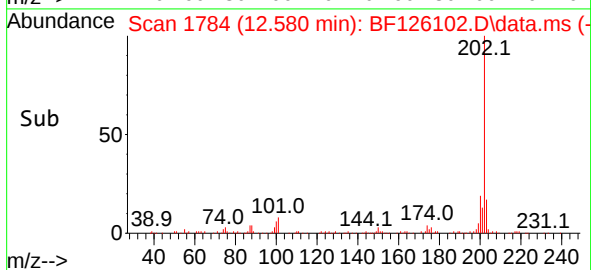
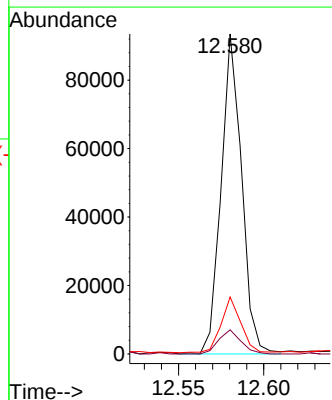
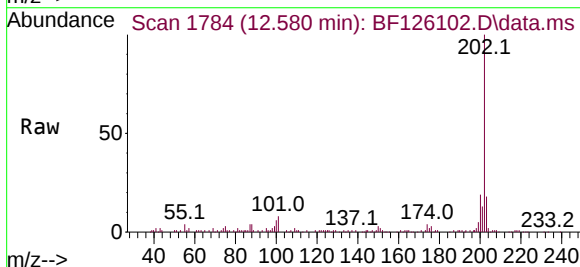
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

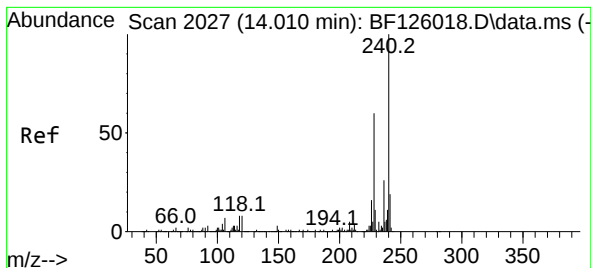
Tgt Ion:248 Resp: 22034
Ion Ratio Lower Upper
248 100
250 180.4 74.2 111.4#
141 474.3 60.4 90.6#



#75
Fluoranthene
Concen: 2.803 ng
RT: 12.580 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:202 Resp: 78383
Ion Ratio Lower Upper
202 100
101 7.5 0.0 30.7
203 17.8 0.0 36.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF126102.D

Acq: 10 Nov 2021 12:11

Instrument :

BNA_F

ClientSampleId :

WC-2-LS

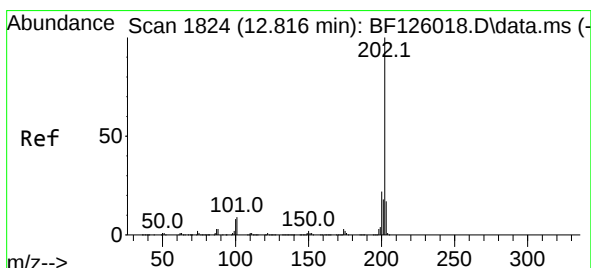
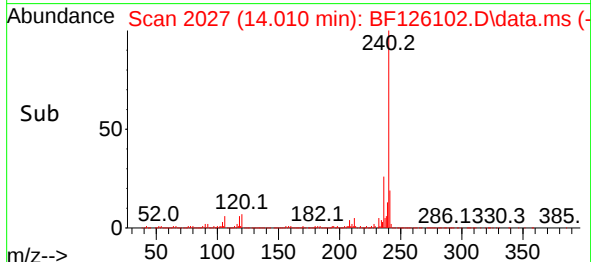
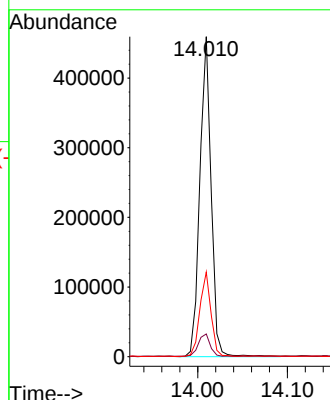
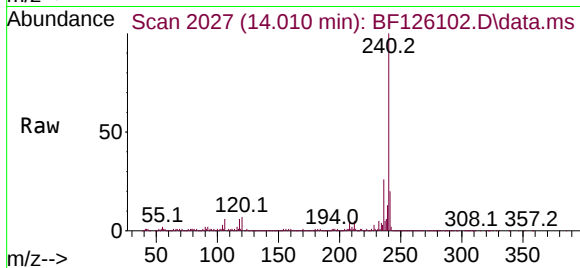
Tgt Ion:240 Resp: 400510

Ion Ratio Lower Upper

240 100

120 7.1 10.8 16.2#

236 26.4 21.6 32.4



#78

Pyrene

Concen: 2.521 ng

RT: 12.810 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF126102.D

Acq: 10 Nov 2021 12:11

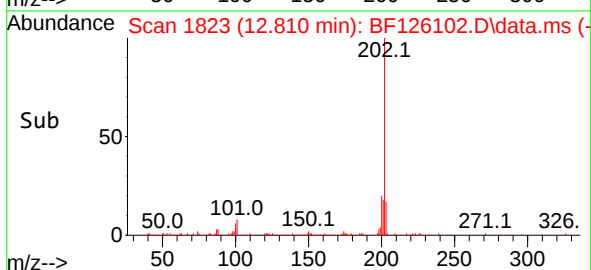
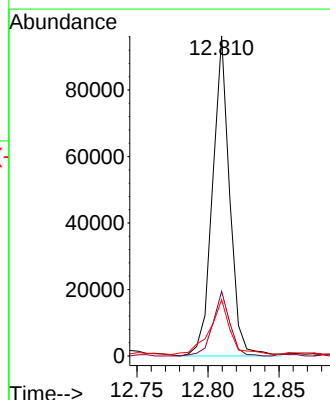
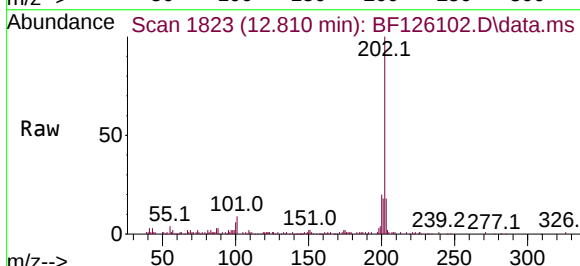
Tgt Ion:202 Resp: 80962

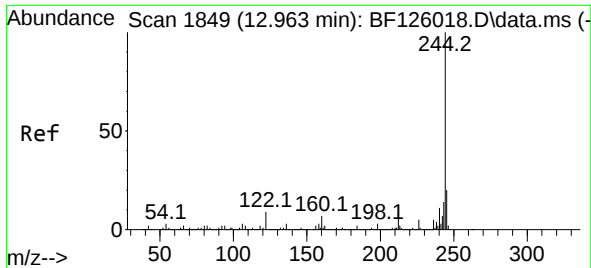
Ion Ratio Lower Upper

202 100

200 20.2 15.3 22.9

203 17.6 13.4 20.0

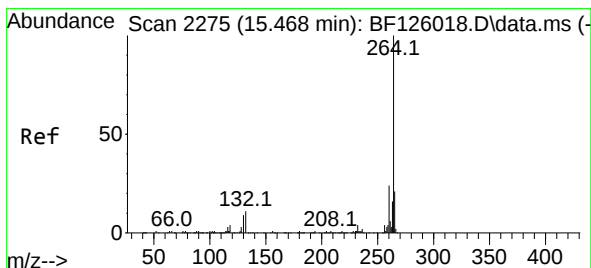
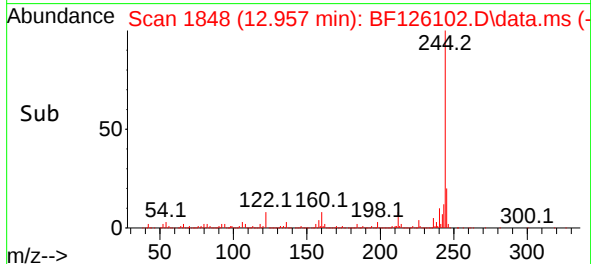
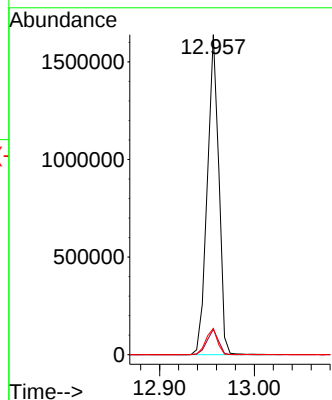
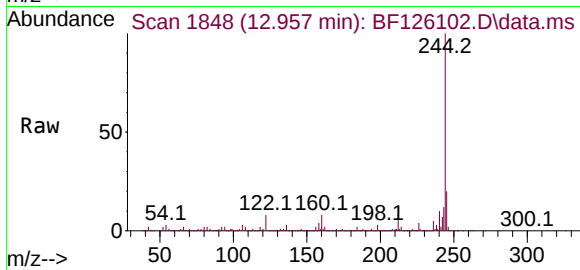




#79
 Terphenyl-d14
 Concen: 55.551 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126102.D
 Acq: 10 Nov 2021 12:11

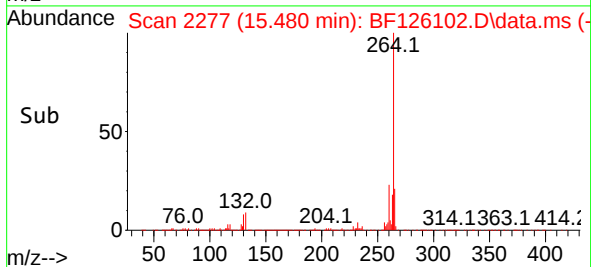
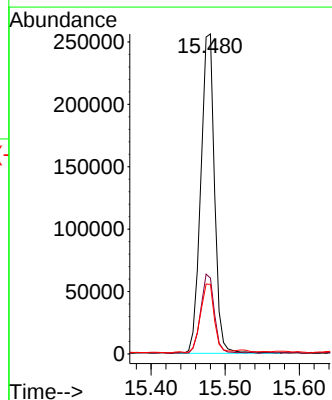
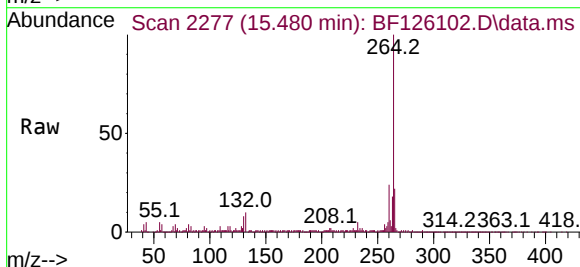
Instrument :
 BNA_F
 ClientSampleId :
 WC-2-LS

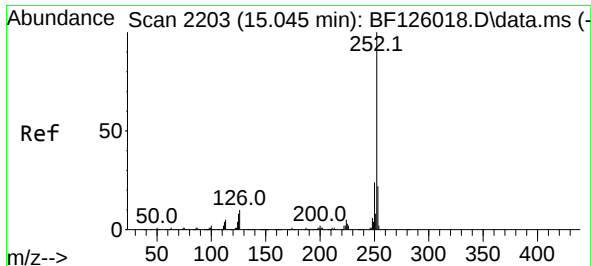
Tgt Ion:244 Resp: 1379720
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 8.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.012 min
 Lab File: BF126102.D
 Acq: 10 Nov 2021 12:11

Tgt Ion:264 Resp: 329357
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.8 17.2 25.8

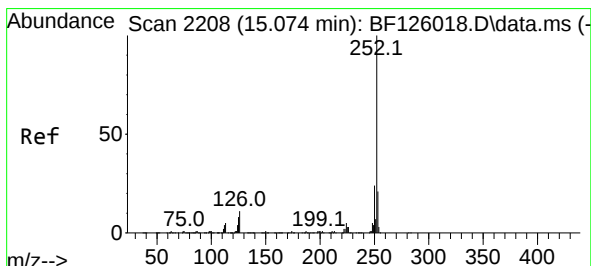
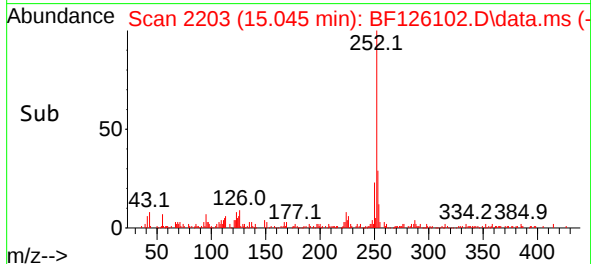
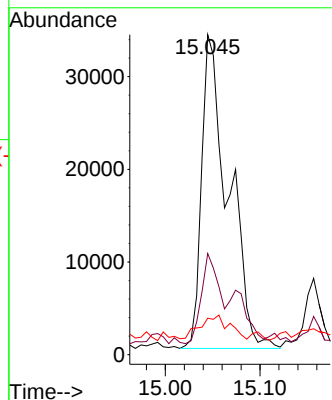
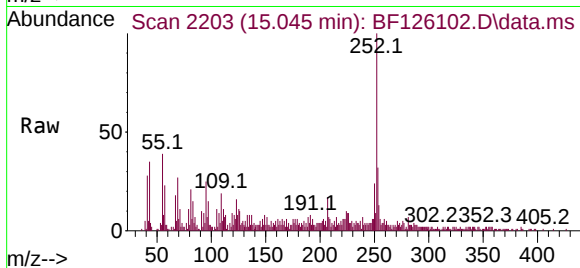




#88
Benzo(b)fluoranthene
Concen: 3.088 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

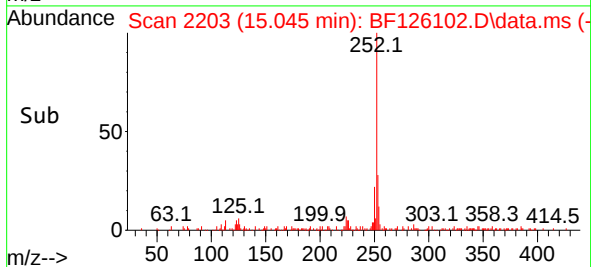
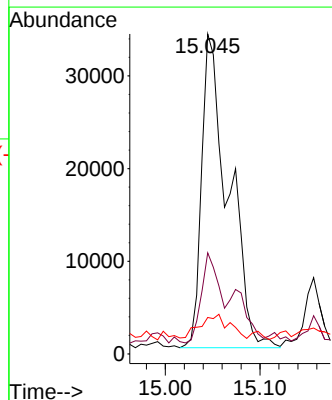
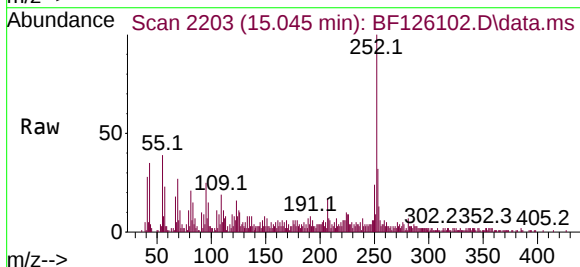
Instrument :
BNA_F
ClientSampleId :
WC-2-LS

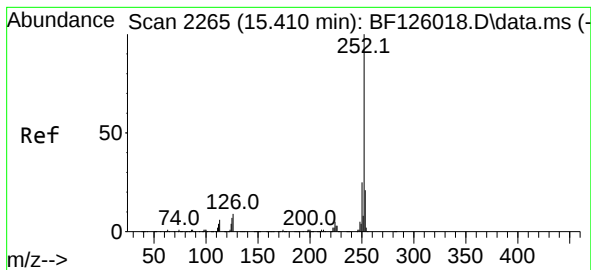
Tgt Ion:252 Resp: 66159
Ion Ratio Lower Upper
252 100
253 31.6 16.8 25.2#
125 11.4 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 3.184 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.030 min
Lab File: BF126102.D
Acq: 10 Nov 2021 12:11

Tgt Ion:252 Resp: 66159
Ion Ratio Lower Upper
252 100
253 31.6 17.8 26.8#
125 11.4 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 2.145 ng

RT: 15.409 min Scan# 21

Delta R.T. -0.001 min

Lab File: BF126102.D

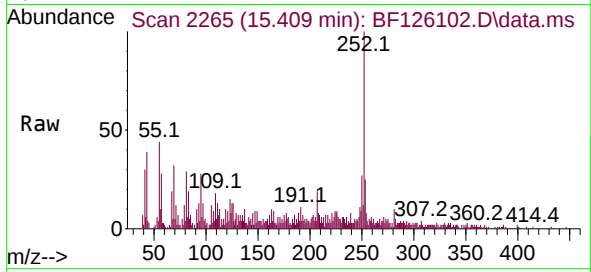
Acq: 10 Nov 2021 12:11

Instrument :

BNA_F

ClientSampleId :

WC-2-LS



Tgt Ion:252 Resp: 36211

Ion Ratio Lower Upper

252 100

253 25.1 18.4 27.6

125 12.8 9.9 14.9

